

ABSTRACT

A TGF- β gene expression inhibitor containing a pyrrole-imidazole polyamide having N-methylpyrrole unit (hereinafter also referred to as Py), N-methylimidazole unit (hereinafter also referred to as Im) and γ -aminobutyrate unit which can be held into an U-shaped conformation at the γ -aminobutyrate unit in the minor groove in a double helix region (hereinafter referred to as the target region) containing a complementary chain corresponding to the sequence at the -557 to -536 in the base sequence of a human transforming growth factor β 1 (hereinafter also referred to as hTGF- β 1) promoter, either as a whole or a part thereof: TAAAGGAGAGCAATTCT-TACAG wherein a Py/Im pair corresponds to a C-G base pair, an Im/Py pair corresponds to a G-C base pair, and Py/Py pairs correspond respectively to an A-A base pair and a T-A base pair.